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From the
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To: MADELINE I. JOHNSTON
MORRISON & FOERSTER LLP
755 PAGE MILL ROAD
PALO ALTO, CA 94304-1018

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NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing
(day/month/year)

22 JAN 2001

Applicant's or agent's file reference

393382000142

IMPORTANT NOTIFICATION

International application No.

PCT/US99/22584

International filing date (day/month/year)

28 SEPTEMBER 1999

Priority Date (day/month/year)

30 SEPTEMBER 1998

Applicant

AFFYMETRIX, INC.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

GARY JONES

Telephone No. (703) 308-0196

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| | | |
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| Applicant's or agent's file reference 393382000142 | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/419) | |
| International application No. PCT/US99/22584 | International filing date (day/month/year) 28 SEPTEMBER 1999 | Priority date (day/month/year) 30 SEPTEMBER 1998 |
| International Patent Classification (IPC) or national classification and IPC IPC(7): C12Q 1/68 and US Cl.: 435/6 | | |
| Applicant AFFYMETRIX, INC. | | |

- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 4 sheets.
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).
 These annexes consist of a total of 0 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

| | |
|--|---|
| Date of submission of the demand 12 APRIL 2000 | Date of completion of this report 11 JANUARY 2001 |
| Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 | Authorized officer GARY JONES <i>Jay B. Bridges</i> Telephone No. (703) 308-0196 |
| Facsimile No. (703) 305-3230 | |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. statement**

Novelty (N)

Claims 1-35 YESClaims NONE NO

Inventive Step (IS)

Claims 1-35 YESClaims NONE NO

Industrial Applicability (IA)

Claims 1-35 YESClaims NONE NO**2. citations and explanations (Rule 70.7)**

Claims 1-35 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest the method for detecting a target nucleic acid, comprising: hybridizing a nucleic acid target, comprising a target nucleic acid sequence, to a nucleic acid probe, wherein the target comprises a binding ligand, contacting the target with a receptor comprising multiple sites capable of binding the binding ligand to complex the receptor to the binding ligand; and contacting the receptor with an amplification reagent, comprising a plurality of the binding ligands to complex the amplification reagent to the receptor; and detecting the presence of the complex amplification reagent.

NEW CITATIONS

NONE

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

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Creation date: 26-12-2002
Indexing Officer: FR1 - Formalities Review 1
Team: CENTRALSCANPRINT
Dossier: 09776770

Legal Date: 06-06-2001

| No. | Doccode | Number of pages |
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| 5 | PEFR | 2 |

Total number of pages: 45

Remarks:

Order of re-scan issued on